



# Turf Times

Quarterly  
January, 1991  
Vol. 20, No. 1

The newsletter from the Northern Michigan Turf Managers Association

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## Continue your self development



President Jeffrey Holmes

The winter months in Northern Michigan can be a slow time of the year, or the winter months can be a busy time of the year when you take time to catch up on educational materials and whatever else you're interested in.

There are several types of educational advancements that a person can make. It could be reading more monthly trade journals, attending college classes, attending regional or national seminars, checking out a trade video or trying out the library.

It is the off season when people in our industry have more free time at their disposal. This is a good time to look at ourselves and identify some areas that need to be further developed. A few examples are turf management, personnel management, organizational skills, equipment knowledge, budgeting, working within an organization and the list goes on. Once you have identified some areas that you would like to improve, you can then select the type of educational medium you will use.

A good way to select a topic is to make a list of all the areas you deal with or just think back to what caused you the most worry last summer.

Keep in mind that the N.M.T.M.A. has a video library that is for the membership use. If you are interested in checking one out, contact Kim Olson.

There are several conferences coming up in the next few months starting with January 21-23 is the Michigan Turfgrass Conference. This three day conference is a good value for your dollar. The topics are varied, very informative and the information is directly related to growing turf in Michigan.

The month of February follows with the G.C.S.A.A. National Conference which is located in Las Vegas this year.

Starting in March the N.M.T.M.A. will be hosting a one day seminar related to sprayer calibration, pesticide licensing, and pesticide usage and awareness. Also, March 21 at the Saginaw Country Club there will be a U.S.G.A. seminar supported by the Michigan Superintendent Associations as well as the Golf Association of Michigan.

In the month of April the N.M.T.M.A. will present the M.S.U. Mini-Conference for one day. The agenda is yet to be determined, so if you have any input please feel free to contact a board member and express your thoughts.

Make sure you set your calendars for the upcoming seminars. Some of them that the N.M.T.M.A. is offering will also award credit toward pesticide licensing and certification credits for G.C.S.A.A. certified superintendents.

There is always a benefit to attending a seminar or reading a book. It is important to use these educational tools to stay current with changing information. Let's make a point to educate our club officials on how important it is to attend these meetings for current updates.

Hope to see more of you at the M.T.F. conference and also at our monthly meetings.

## Conference to offer international events

### GCSAA News Release

International turfgrass managers will be able to take advantage of special educational and informational opportunities at the 62nd International Golf Course Conference and Show scheduled Feb. 5-12, 1991 in Las Vegas, Nevada. The annual event is hosted by Golf Course Superintendents Association of America (GCSAA).

(Continued on Page 3)



# *What's your batting average?*

## **An Opinion on Unreasonable Expectations**

by **STANLEY J. ZONTEK**

*Director, Mid-Atlantic Region, USGA Green Section*

Golfers are well known for making comparisons. They seem to take pride in telling anyone who will listen how a course down the road does something this way or that. They compare budgets, acreage maintained, soils, grass types, green speed, the amount of labor, and many other facts. Sometimes the comparisons are accurate, sometimes not.

Let's take this comparison one step further. It's not really valid, but is interesting nonetheless.

Baseball: A .250 batting average is just that – an average. A ball player hits safely one at-bat in four. A "star" bats .300 and an immortal like Ted Williams bats .400. If you are keeping score, and you should be, that's four out of ten.

Basketball: Superstars shoot just over 50% from the field. They shoot a ball into a hoop at a distance of zero (a dunk) to 18-22 feet or more.

Golf: A par round of golf is normally about 72. Golfers who consistently shoot less than par are found on the PGA Tour, making lots of money. Golfers who shoot consistently over par are found everywhere, and includes those people making the comparisons. The average handicap in the country is just over 18. The average golfer, therefore, shoots about 25% over par.

At what percentage do golf course superintendents produce quality turfgrass? As a basis for comparison, golf courses contain about 30 acres of fairways, 2.5 acres of greens, and 2.5 acres of tees. This equates to about 100,000 sq. ft. of greens and tees and 1,320,000 sq. ft. of fairways. Thus, if a superintendent "bats" .400, which would put him in great company in baseball, it means your superstar would lose the equivalent of 10.8 greens and tees out of 18. On fairways, he would lose about 18 acres of turf.

While this .400 batting average might get you into the Baseball Hall of Fame, you would probably lose your job as a golf course superintendent.

All of this may sound ludicrous, but the fact remains that golfers have set such high standards for their golf courses that maintaining these standards is difficult, expensive and sometimes impossible to achieve. To keep alive every blade of grass on every green, tee, and fairway regardless of the conditions, and not being willing to accept anything less, is wishful thinking and a mistake.

Everything cannot be perfect on every golf course every day. Even if it were possible, what would it cost?

So, look at your golf course. My message to course officials reading this opinion is not to be so concerned if the golf course superintendent bats only .998. After all, this equates to losing about 200 sq. ft. of turf, a 10 ft. by 20 ft. area of greens or tees and 2,640 sq. ft. of fairways, or .06 of an acre.

Anyone who bats this percentage or better deserves a pat on the back, not a kick in the pants. After all, what other industry which deals so closely with Mother Nature can boast a 99% average or better? Not many.

Therefore, the next time you read about a professional athlete making \$2,000,000 a year to achieve only a 30% batting average, be proud . . . because golf course superintendents are batting 99%, or better.

Credit: USGA Green Section Record  
September/October, 1990

## Conference to offer international events

(Continued from Page 1)

For the first time ever, GCSAA will present a special Japanese educational session, which will be presented in English and simultaneously translated into Japanese.

The session's agenda includes a profile of U.S. golf course superintendents, an overview of warm-season turfgrass disease control and an introduction to GCSAA and its benefits for potential Japanese members. A panel discussion will conclude the program.

The Japanese educational session, which will begin at 1 p.m. Monday, Feb. 11, at the Las Vegas Convention Center, will be open to all GCSAA Conference and Show registrants.

The Las Vegas Conference and Show will also be the site for the second annual International Golf/Turfgrass Round Table sponsored by GCSAA. Leaders of golf course superintendents' and greenkeepers' associations in 18 countries have been invited to meet with GCSAA leaders to discuss common problems, opportunities and goals.

The first International Golf / Turfgrass Round Table was held at the 1990 GCSAA Conference and Show in Orlando, Florida. At that meeting, participants from GCSAA and national associations from 10 different countries discussed the environmental challenges that golf course managers around the world face.

### Letters to the Editor

You can communicate directly with the NMTMA and your fellow members by writing to:

*Turf Times*  
c/o Mike Morris  
P.O. Box 1575  
Frankfort, MI 49635

Share your thoughts and feelings about our organization or the industry in general.

# Let us know what YOU want



Charles C. Menefee, CGCS

At our most recent meeting, the Board of Directors discussed the possibilities that have arisen from recent changes in our financial condition. Thanks to the NMTMA Fund Raiser and the most recent dues increase, we are now reaching a financial position where it may be possible to expand services offered to the membership. First the NMTMA must incorporate and absorb the expenses involved in that endeavor. The next priority is to find ways to upgrade our organization.

Since our stated purpose is advancement of the art and science of turf management and unity of the membership, we are investigating prospects in those areas. At the Board's recent brainstorming session, several ideas were offered. Among them were free seminars during the winter months, more costly speakers at our monthly meetings, and free copies of GCSAA educational literature. Subsidy of the annual Christmas party is another possible option. At various times in my term on the Board, discussion has also focused on term life insurance, research on specific Northern problems, and a turf advisory service as desirable objectives.

We encourage everyone's participation in determining the course of our future activities. Because of the diversity of problems facing this membership, it is sometimes very difficult to understand how to broaden this group's appeal and effectiveness. We would also appreciate knowing what you think might lead to increased participation at our meetings. As you encounter Board members during the winter meetings, express yourself and tell them what would benefit you.

## Mechanic's Corner

By Denis Stephens, Head Mechanic – West Branch Country Club

I have come from a background of over 14 years in small engines, both as a dealer and mechanic. Over the years my experience has taught me that the ability to troubleshoot a problem quickly and accurately is one of the most valuable talents or "tools" that a mechanic can possess. A systematic approach to help you get to the root of a problem may save a lot of time. The following is what I try to keep in mind and may help you.

There are two fundamental principles or thoughts to keep in mind when troubleshooting an engine.

### A. Easiest things first:

Always start your troubleshooting with the easiest or less complicated possibilities first. If an engine won't start, it could be something as simple as no fuel in the tank or a fuel shut off valve was not opened. Don't start tearing into the carburetor or ignition system until you have made a few basic checks and tests to determine that a simpler remedy would not cure the problem.

### B. Five Engine Requirements:

A four cycle, air cooled engine has five requirements in order to start and run properly.

1. *Carburetion* – clean, fresh fuel delivered in the right proportion to combustion air.
2. *Ignition* – good ignition spark, precisely timed for best performance and efficiency.
3. *Lubrication* – proper amount and quality of lubricating oil.
4. *Cooling* – sufficient quantity of cooling air, no more than 20 degrees fahrenheit hotter than outside ambient air.
5. *Compression* – 30-45 psi minimum for starting and 90 psi minimum for efficient operation and proper power.

If we keep these criteria in mind, they can help us with our troubleshooting. An engine that is not performing properly does not have all the requirements. Troubleshooting is simply determining what is missing. When troubleshooting a charging system that apparently will not charge the battery, make sure the battery is capable of taking and holding a charge. Recharge the battery, if necessary, so it has a voltage of at least 4 volts.

**NMTMA Financial Report  
Cash Accounts  
Year Ending October 31, 1990  
and 1990-91 Proposed Budget**

	89-90 Budget	89-90 Actual	90-91 Budget
Cash: General Fund Checking		5379.23	
Special Checking		6904.77	
Savings		128.03	
Total Cash: November 1		12412.03	24140.97
Income:			
Publications Advertising	8000	13955.50	12500
Dues	7000	7115.00	7000
Meetings			
(Gen. & Mini-conf)	1600	1091.00	1200
MTF Fund Raiser	16200	23116.98	20000
NMTMA Fund Raiser	8000	5309.00	7000
Soft Good Sales	200	-0-	-0-
Special Gifts	-0-	-0-	-0-
Interest Earned	-0-	845.60	800
Miscellaneous	-0-	47.79	-0-
Total Income:	41100	51480.87	48,500
Expenses:			
Secretarial	500	500.00	500
Speakers	-0-	20.00	1500
Meetings: General	200	166.20	200
Mini-Conf.		887.16	900
MTF Fund Raiser		10316.60	10500
NMTMA Fund Raiser		3539.79	4000
Board Meetings	450	402.81	450
Research & Professional:			
General	7000	1150.00	1000
MTF		7000.00	10,000
GCSAA		500.00	500
NMTMA Scholarship	1500	1000.00	1000
Awards & Recognition	300	906.34	600
Office Supplies	300	762.02	1000
Postage & Mailing	800	1329.92	1500
Membership Directory	3000	4734.71	4000
Newsletter	5500	4843.93	5000
Membership & Library Gds.	500	1102.58	2000
Soft Goods	1000	-0-	-0-
Insurance	150	329.00	2000
Service Charges	100	186.87	200
Miscellaneous	-0-	74.00	400
Legal and Accounting	-0-	-0-	1000
Total Expenses:	41100	39751.93	48,250

Year End Cash: October 31	
General Fund Checking	11573.26
Special Account: MTF	12439.68
Savings	128.03

Total Cash: 24140.97

## **Change of Address, Membership Application info available**

Any member with a change of address should immediately contact Thomas J. Reed at 3733 Apollo Drive, Traverse City, MI 49684. He should also be contacted if any person would like to apply for membership in the Northern Michigan Turf Managers Association.



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# Are we too swift to be safe?

It was a pleasant mid-September afternoon and Michael Polski was driving with the side window down. Then the rock came.

A police dispatcher said the 4-pound field stone apparently hit a door post then continued through the open window and struck Polski in the head, killing him.

"If the window was up, the rock might have been deflected," the state police dispatcher commented.

The car carrying the 71-year-old ended up at the side of the road. It happened about 2:50 p.m. on Sept. 14, just about the time kids would have been getting out of school on that Friday in rural Millerstown, Pa.

But there was no bus loaded with kids in the area, or at least none that was struck by the car.

**WHAT PUTS THIS STORY** into a turf publication is the fact that the rock was thrown by a mower.

The police dispatcher relating the incident said he was not aware of any charges being filed against the operator of the mower, which was working in a roadside field.

The officer said, though, that he discussed the incident with an insurance adjuster, and was told there is a Florida court case pending in which a police officer was permanently disabled after being struck by an object thrown by a mower.

Elsewhere in Pennsylvania, the people who maintain the grounds at the Gettysburg Military Cemetery and the adjacent Eisenhower historical site are getting rid of rotary tow-behind mowers and switching to flail mowers. The move was hastened after the side of an expensive new car was ripped up by a rotary's discharge. The risk of the same things happening to flesh, rather than steel, helped speed up the process.

I was reminded of these events the other morning as I sat at a stop light and watched a commercial operator mow the lawn outside a restaurant. The lawn and adjacent sidewalk were dead flat and smooth. The only obstacle on the lawn was a fire hydrant. The grass wasn't all that high, and seemed to be in good shape for mowing, judging by the nice smooth clipping discharge stream the big multiblade walk-behind mower was producing.

For some reason, the operator had the discharge chute deflector wired up, so the clippings came gushing out in a rooster-tail plume that dusted clippings all over the cars waiting at the stop light. He didn't have the deflector up to get through a narrow opening. He didn't need to trim with both sides of the deck. My best guess is that he had the chute up to make it easier to park two mowers side-by-side on his trailer.

**THE PHYSICS OF THE SITUATION** are frightening. Rotary mowers are designed so the tips of their blades move at a rate between 150 and 200 miles per hour. At those speeds, a piece of straw can be driven through a telephone post. A discarded ball point pen picked up from the grass can become a lethal bullet. A few years ago, here in my hometown, a piece of wire flung by a rotary mower in a city park traveled several dozen feet, hit a young boy and penetrated his heart.

That boy lived. Michael Polski died. Anyone sitting in one of those cars waiting for the light to change could have become the victim of that commercial operator I watched the other morning.

**SURE, THE ODDS OF SOMETHING** tragic happening are small. Someone's got to be in exactly the wrong place at exactly the wrong time to get injured or killed as a result of mowing work. Even if someone gets killed, the victim's survivors may not press charges. It's also true that nothing might happen if you stock your swimming pool with piranhas. But why take the chance?

The power equipment industry has been under intense government scrutiny for the last decade. Consumer-grade rotary mowers have been redesigned to enhance safety, with features like operator presence controls that stop the blade three seconds after the operator releases the lever. Those safety features increased the cost of equipment, and made it less convenient to use.

Commercial-grade mowing machines were exempted from the federal rules because it was felt the commercial operators were better skilled and more safety-conscious than John Q. Public, and didn't need a "Big Brother" federal office like the Consumer Products Safety Commission to oversee that one market segment. Yet, it's always possible for the CPSC to issue safety mandates covering commercial equipment.

Manufacturers, acting voluntarily, have begun installing some new safety devices on commercial mowers, generally as they come up with new designs. Some mid-sized walk-behinds have brakes that automatically lock if the operator releases the handles. Some riders have interlocks that prevent the engine from starting if the deck or transmission is engaged. Some have seat switches that kill the engine if the operator's weight comes off the seat. These and other safety devices will become more common on new machines.

**BUT NONE OF THE DEVICES** does a bit of good if the people who operate the machines on a daily basis aren't willing to take the extra moment of time some of those devices require. The operator who wires a deflector chute up and leaves it up is the same operator who is likely to grab a roll of tape and defeat the safety levers on a new mower.

The new justification used for defeating safety devices is generally that they require extra time, and everyone knows that "time is money."

Those who take that position should take some time during this off-season to discuss the matter with their insurance agents. Find out how much extra time you'll have to spend working to pay for an insurance premium increase if, say, rocks tossed by your mower destroy the paint job on a new Mercedes.

Better yet, discuss it with someone else's insurance agent, because if your agent finds you're running mowers with wired-up deflectors, there's a chance you'll find a cancellation notice in the next day's mail.

*Credit: Northern Turf Management, Nov. - Dec., 1990*



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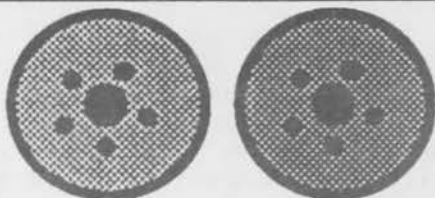
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# Environmental specialist appointed

**Credit: Michigan Turfgrass Foundation News Release**

Frank S. Rossi, currently a PhD candidate at Cornell University, has been appointed to the newly established position of Environmental Education Specialist in Turf at Michigan State University. Following interviews with and seminars by three outstanding candidates the selection committee, which included three representatives of the Michigan Turfgrass Foundation, settled on Mr. Rossi.

In his new position, Frank Rossi will be responsible for the development and teaching of material concerning safe pesticide use and application as well as concepts of integrated pest management. He will also develop and coordinate week-long seminars dealing with environmental stewardship and turf management; in addition to teaching courses as part of MSU's Lifelong Education program.

One factor that influenced committee members in their selection of Frank Rossi was a time schedule that he proposed for undertaking these various job aspects. It is expected that he will be on campus ready to begin in early February.

A New England native, Frank Rossi received his BS and MS degrees from the University of Rhode Island. He also attended the State University of New York Agricultural and Technical College at Cobleskill, NY, where he majored in turfgrass

management. He is currently finishing his PhD dissertation on the influence of moisture stress on fenoxaprop (Acclaim) performance.

As a graduate student at Cornell Mr. Rossi served as both a teaching assistant for weed science classes and as a 4-H instructor to elementary students, through the Cooperative Extension Service. Frank has also made presentations at Field Days and grower meetings on the safe handling, application and disposal of pesticides. He is an active member of numerous professional organizations, having made presentations at society meetings as well as having written articles for their publications.

Quoting from Frank's letter of application "Turfgrass management has been a part of my life since my youth." Such a statement is well founded as he has a widely diversified background in turf management. His career began as an employee of Scarsdale Landscaping Inc. of Scarsdale, NY. After two seasons in the landscaping industry Frank became acquainted with all aspects of golf turf management during stints at several courses. Among the courses was the Greenwich Country Club of Greenwich, Connecticut where he served two years as assistant superintendent. In that position he was responsible for the training of personnel as well as the design and maintenance of tree, shrub and flower plantings.

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**Bob Steinhurst**

I would like to highlight a few of the many opportunities available through N.M.T.M.A. Currently the Board of Directors is working very hard on scheduling this year's events. These events are designed to be both educational and entertaining for all who attend.

In order to obtain some of the many benefits of our association, it is necessary to become active and attend those functions as much as possible. We owe it to ourselves and our clubs to continue our education and professional growth in the turf industry. The monthly meetings provide an excellent source of information from other interested turf managers and vendors. An excellent speaker is also provided on current problems or innovations. I feel that it is absolutely necessary to take a day off from our everyday grind and play golf or tour the golf courses that are available to us during our monthly meetings.

Also available through the N.M.T.M.A. are excellent written materials that include monthly and quarterly newsletters and the membership directory. These materials contain considerable information and have continued to get bigger and better each year. A video library has also been established to provide additional information on various subjects.

Be a part of our growing and energetic association, you will be glad you did!

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# Three honored for distinguished service

Dr. Noel Jackson, plant pathologist at the University of Rhode Island; W. Bruce Matthews, golf course architect; and Dr. Eliot C. Roberts, executive director of The Lawn Institute, will be honored for their dedication and outstanding service to golf course superintendents and the golf community at the Opening Session of the 62nd International Golf Course Conference and Show in Las Vegas, February 5-12.

Jackson, Matthews and Roberts have been selected as recipients of the 1991 Distinguished Service Award. The selection was made by the board of directors of the Golf Course Superintendents Association of America (GCSAA), the organization that hosts the annual conference and show.

## Conference to stress superintendent's environmental protector role

GCSAA News Release

"Green Education" for golf course superintendents will be in the spotlight at the 62nd International Golf Course Conference and Show held in Las Vegas, Nevada, on February 5-12. Thousands of superintendents and other turfgrass professionals will attend more than 40 educational sessions at the conference, many of which will focus on sound environmental practices. The conference is hosted annually by the Golf Course Superintendents Association of America (GCSAA).

New for this year's conference is an in-depth Environmental Management Program (EMP) developed by GCSAA that allows superintendents an opportunity to gain specialized instruction in six environmental areas: Integrated Pest Management; Underground Storage Tanks (USTs); Employee Safety and Right-To-Know; Water Quality and Application; Golf Course Development; and Storage, Disposal and Recycling. The EMP lets superintendents earn "specialist" certificates in each of the above areas. In order to achieve "specialist status", a superintendent must successfully complete as many as seven courses designed specifically for a particular area.

Three EMP seminars – "Protection of Water Resources", "Scouting, Sampling and Monitoring Golf Course Pests" and "Underground Storage Tank Selection and Installation" – will premiere at this year's conference.

The 1991 one- and two-day environmental seminars in Las Vegas include:

- Developing Your Hazard Communication Program, Feb. 5
- Safe Pesticide Management, Feb. 5
- Water Quality and Irrigation Scheduling, Feb. 7
- Integrated Pest Management, Feb. 5-6
- Protection of Water Resources, Feb. 7-8
- Environmental Considerations in Golf Course Management, Feb. 7-8
- Underground Storage Tank Selection and Installation, Feb. 7
- Scouting, Sampling and Monitoring Golf Course Selection, Feb. 8

(Continued on Page 15)

Jackson has been a turfgrass researcher and educator at the University of Rhode Island since 1965, when he moved to the United States from his native England. Jackson's research work and fungicide evaluations have contributed a wealth of information on turfgrass patch diseases. He has also lectured at and participated in turfgrass conferences, seminars and symposiums throughout the United States and in the United Kingdom, Canada and New Zealand.

Matthews has been a member of GCSAA for 56 years. In addition to serving as a golf course superintendent and building a distinguished career as a golf course architect, Matthews also has been active with turfgrass research at Michigan State University and Purdue University. He designed and owns Grand Haven (Mich.) Golf Club.

Before founding The Lawn Institute in Pleasant Hill, Tenn., Roberts spent 28 years as a turfgrass management teacher, researcher and administrator at universities in Massachusetts, Iowa, Florida and Rhode Island. Roberts will be retiring soon from his position as executive director of the institute. In his eight years as executive director, he has traveled extensively to speak at seminars, conferences and meetings dealing with turfgrass and grounds management.

GCSAA members and affiliated chapters submit nominations for the Distinguished Service Awards.

GCSAA News Release



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## Why do Executives Fail? *Here are Five Reasons*

No one can avoid failure, but sometimes we bring it on ourselves by repeating the same mistakes. See if you recognize yourself in any of these descriptions.

**An inability to get along.** Poor interpersonal skills are the biggest causes of executive failure, especially when dealing with subordinates.

**The "Me Only" syndrome.** Caring only about your own personal success, the credit you get for work your department does, and other personal rewards, can lead to disaster.

**Failure to adapt.** A strategy that was successful a long time ago, or a management style that you hang onto long after it stops producing results, will decrease your influence and effectiveness.

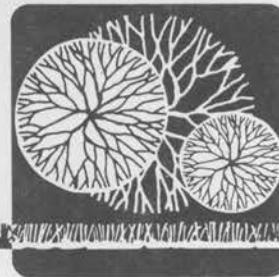
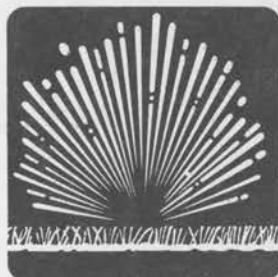
**Fear of action.** Indecisiveness because you're afraid of making a mistake can be a major mistake in itself. Running in place may keep you busy, but it doesn't get you anywhere.

**Inability to bounce back.** When failure does strike, many managers may be unable to admit it and move on. Instead, they become defensive and waste valuable time justifying their decisions when they ought to be fixing the problem.

From: *Managing*, Matthew Bender & Co.  
Credit: OGCSA, August, 1990

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## Conference to stress superintendent's environmental protector role

(Continued from Page 13)

Because of the importance of groundwater protection and new Environmental Protection Agency (EPA) regulations, GCSAA is hosting a special UST symposium at 1 p.m., Monday, Feb. 11. Donald E. Hearn, CGCS, a GCSAA past president, will serve as moderator for a panel discussion and question-and-answer period.

The panel will feature Robert Klitz, superintendent at Inverrary Country Club in Coral Springs, Fla.; Ed Kettenbrink, Ph. D, senior consultant at Advanced Environmental Specialists; Robert Yoos, environmental scientist at Franklin Associates; Lee Daniels, representative from EPA's Region VII; and Richard Shanks, president of Jardine Insurance Brokers of Kansas City.

The panel will discuss UST selection, installation, closure and monitoring. Information will be presented on legal requirements that affect an estimated 85 percent of all golf facilities.

For information on seminars or other conference proceedings, call GCSAA headquarters at 800/472-7878 or 913/841-2240.

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good time to  
"check out" your  
video library**



Kimberly Olson

Dear Members,

During the rest of the winter months you will have time to catch up on your reading, the latest turf research, and those other important items that took backseat to minding the turf.

This will also be a good time to check out the NMTMA's new video library. More tapes have been added and our current list of available tapes is as follows:

- Photosynthesis & Respiration
- Plant Nutrition
- Professional Turf Management
- Protecting Golf's Environment
- Integrated Pest Management
- Growing Media For Landscape Plants
- Plant Movement and Transport
- Elements of Pruning
- Advanced Pruning

Herbaceous Plants & Ground Covers  
Planting Techniques Part 1: Trees & Shrubs  
Green Side Up: Professional Sod Laying  
Train the Trainer:

1. preparing the trainer
2. conduction of one on one training
3. leading group training

How to Hire the Best Person for the Job

How to Prevent Back Injuries

Landscape Equipment Maintenance Series

21 inch Mower, Edger/Trimmer, String Trimmer

Power Blower, Power Shears

Trouble Shooting Automatic Sprinkler Systems

Automatic Sprinkler System Scheduling

Cutless Growth Regulator

Expedite Spray System

Accu-Procut Operation

Banner Fungicide

Bio-Groundskeeper

Reveal Disease Detection Kits

Triumph Insecticide

Kubota Products

Don't hesitate to contact me if you are interested in viewing one or more of the videos. They are **your** tapes so take advantage of them.

I'm looking forward to hearing from you.

## **1991 CALENDAR OF EVENTS**

### **JANUARY**

21-23 61st Annual Michigan Turfgrass Conference; Clarion Hotel and Conference Center; Lansing, MI. For information, call 517/352-9022 or 517/321-1660.

24-25 Commercial Pump Winter Service School, Swanton, OH  
Dates to be announced. For information: 1-800-426-0370

### **FEBRUARY**

3 (Sunday before GCSAA Superintendent's Golf Tournament) The Michigan Skins Game. Scottsdale, AZ  
Contact Fritz McCullen (313) 335-1410  
or Kevin Dushane (313) 642-0707

5-12 GCSAA International Conference and Show, Las Vegas, NV

### **MARCH**

5 MMTA Bowling Fundraiser; Pinconning, MI. For information call: Dave Rossman, 517/832-8161.

21 GAM/USGA Green Seminar at Saginaw C.C. For information:  
GAM 313/553-4200

To be announced NMTMA Educational Seminar

**APRIL** To be announced NMTMA/MSU Mini-Conference

**MAY** To be announced NMTMA Meeting and Golf